consisting of hydrogen, a C1 to C6 alkyl, a C1 to C6 alkoxy, a C2 to C6 alkenyl, and a C6 to C12 aryl;

$$X_1$$
 X_2
(4)

where X_1 and X_2 are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br;

$$\begin{array}{c}
0\\
\times \\
\times \\
\times \\
\end{array}$$
(5)

where X₃ and X₄ are independently selected from the group consisting of hydrogen and a halogen selected from the group consisting of F, Cl, and Br, and preferably Cl or Br; and

$$\mathbb{R}_{4}$$
 \mathbb{R}_{8} (6)

where Y_3 is selected from the group consisting of N, O, and S, and preferably N; Y_4 is NR' (where R' is hydrogen or a C_1 to C_6 alkyl), O, S, or preferably NH; and R_8 is selected from the group consisting of hydrogen, a C_1 to C_6 alkyl, a C_1 to C_6 alkoxy, a C_2 to C_6 alkenyl, a C_6 to C_{12} aryl, and an acetyl.

Please REPLACE the paragraph beginning at page 8, line 20, with the following paragraph:

[0038] An electrolyte of the present invention is prepared by adding at least one compound from a group of additive compounds having the following formulas (1) to (6) to a non-aqueous solvent including lithium salts:

$$R_1 - C - R_2$$

$$R_4 - R_2$$
(1)

